Volume 9, Number 1 1990

Contents

In Situ Porosity and Permeability of Selected Carbonate Sediment: Great Bahama Bank—Part 1: Measurements
Richard H. Bennett, Huon Li, Douglas N. Lambert, Kathleen M. Fischer,
Donald J. Walter, Charles E. Hickox, Matthew H. Hulbert, Tokuo Yamamoto,
and Mohsen Badiey
In Situ Porosity and Permeability of Selected Carbonate Sediment: Great Bahama
Bank—Part 2: Microfabric
Richard H. Bennett, Kathleen M. Fischer, Huon Li, Roy Baerwald,
Matthew H. Hulbert, Tokuo Yamamoto, and Mohsen Badiey
Foundation Design of a Gravity Platform on an Extremely Weak Foundation
Sun Qiliang and Lin Shaopei
Computing Axial Pile Capacity in Sands for Offshore Conditions
Leland M. Kraft, Jr

Abstracted and/or indexed in: Aquatic Sciences and Fisheries Abstracts; Articles in Civil Engineering; Bibliography and Index of Geology; Bibliography and Index of Micropaleontology; Biological Abstracts; Cambridge Abstracting Services; Current Contents/Engineering, Technology, and Applied Sciences; Engineering Index; Engineering Information; Geo Abstracts; Geotechnical Abstracts; IMM Abstracts; Marine Science Contents Tables; Oceanic Abstracts; Offshore Abstracts; Petroleum Abstracts.

Taylor & Francis

New York • Bristol, PA • Washington, DC • London

Volume 9, Number 2 1990

Contents

Obituary: Shigeyasu Okusa (1935–1989)
Goro Imaiii
An Approach to the Physics and the Modeling of Submarine Flowslides
Harald Norem, Jaques Locat, and Bonsak Schieldrop
Movement of Large Gas Bubbles in Unsaturated Fine-Grained Sediments
S. J. Wheeler
Engineered Piles to Improve Cyclic Load Capacity
H. G. Poulos and K. B. Sim
On Centrifuge Use for Ocean Research
F. Poorooshash

Abstracted and/or indexed in: Aquatic Sciences and Fisheries Abstracts; Articles in Civil Engineering; Bibliography and Index of Geology; Bibliography and Index of Micropaleontology; Biological Abstracts; Cambridge Abstracting Services; Current Contents/Engineering, Technology, and Applied Sciences; Engineering Index; Engineering Information; Geo Abstracts; Geotechnical Abstracts; IMM Abstracts; Marine Science Contents Tables; Oceanic Abstracts; Offshore Abstracts; Petroleum Abstracts.



Taylor & Francis
New York • Philadelphia • Washington, DC • London

Volume 9, Number 3 1990

Contents

Geotechnical Characterization of Slump Scars, Eroded Slopes, and Correlated
Deposits on Continental Margins: Gulf of Lions, Western Mediterranean Sea
A. Canals-Artigas and B. Chassefiere
Geotechnical Aspects of Earthquake-Induced Settlement of Clay Layer
Iiroshi Matsuda and Sukeo O-hara
Mass Physical Properties of Huanghe Delta and Southern Bohai Sea Near-Surface
Deposits, China
G. H. Keller, J. Zhen, ZS. Yang, B. D. Bornhold, D. B. Prior, J. N. Suhayda,
W. J. Wiseman, Jr., and L. D. Wright
Ocean Wave Attenuation Due to Soft Seafloor Sediments
eland M. Kraft, Jr., Joseph N. Suhayda, Steven C. Helfrich,
and Justo E. Marin 227

Abstracted and/or indexed in: Aquatic Sciences and Fisheries Abstracts; Articles in Civil Engineering; Bibliography and Index of Geology; Bibliography and Index of Micropaleontology; Biological Abstracts; Cambridge Abstracting Services; Current Contents/Engineering, Technology, and Applied Sciences; Engineering Index; Engineering Information; Geo Abstracts; Geotechnical Abstracts; IMM Abstracts; Marine Science Contents Tables; Oceanic Abstracts; Offshore Abstracts; Petroleum Abstracts.



Taylor & Francis
New York • Philadelphia • Washington, DC • London

Volume 9, Number 4 1990

Contents

Engineering Behavior of Uplifted Smectite-Rich Cochin and Mangalore Marine Clays
Sudhakar M. Rao, A. Sridharan, and S. Chandrakaran243
Offshore Geological Hazards in the Hellenic Arc George Ferentinos
Response of Offshore Piles Embedded in Cemented and Noncemented Calcareous Sediments
C. Y. Lee
Limiting Equilibrium and Liquefaction Potential in Infinite Submarine Slopes Roger P. Denlinger and Richard M. Iverson

Abstracted and/or indexed in: Applied Mechanics Review: Aquatic Sciences & Fisheries Abstracts: ASFA Aquaculture Abstracts; Automatic Subject Citation Alert; Chemical Abstracts Service; Current Awareness in Biological Sciences, Current Contents/Engineering, Technology & Applied Sciences, Current Titles in Ocean, Coastal, Lake and Waterway Science; Ecology Abstracts; Engineering Index; Environmental Abstacts; Geo Abstracts; IMM Abstracts; Institute for Scientific Information (USSR); ISI/GeoS. Tech; Oceanic Abstracts; Petroleum Abstracts; Pollution Abstracts; Science Citation Index; Technology & Applied Sciences.



Taylor & Francis
Washington, DC • Philadelphia • London

